

Dkt. No.: OP-092000372

AMENDMENTS TO THE CLAIMS:

1. (Currently amended) A shrinkage-free sealing structure of a heat pipe, comprising:

a cylindrical bulk body; and

a double-layered structure formed by transversely pressing a first side of an open end of the heat pipe bulk body towards a second side of the open end for at least once so that a recess portion is formed at one half sidewall that has been pressed towards the other half to form a pressed open end and a bent sidewall is formed between the pressed open end and the bulk body, and transversely pressing the second side towards the first side for at least once so that the pressed open end forms a first and a second flattened portions connected to a third flattened portion at two ends thereof by a bending portion, respectively and the third flattened portion is bent into two portions to contact the first and the second flattened portions, respectively.

2. (Original) The sealing structure of Claim 1, wherein the double-layered structure has an arrowhead cross section.

3. (Original) The sealing structure of Claim 1, wherein the double-layered structure has a narrow slit therein.

4. (Original) The sealing structure of Claim 3, further comprising a covering portion sealing the narrow slit.

5. (Original) The sealing structure of Claim 4, wherein the covering portion is formed by brazing, soldering or welding.

6. (Currently amended) The sealing structure of Claim 1, wherein the bending portions connected between the third flattened portion and both the first and the second

AMENDMENT

10/770,473

- 3 -

Dkt. No.: OP-092000372

~~flattened portions are pressed towards each other so that~~ the double-layered structure has a W-shape cross section.

7. (Withdrawn) A method of forming a sealing structure at an open end of a heat pipe, comprising:

a) pressing one side of the open end towards the other side of the open end to form a double-layered structure with one concave side and one convex side; and

b) pressing the convex side towards the concave side to form the sealing structure.

8. (Withdrawn) The method of Claim 7, wherein step (a) further comprises using a mold having a concave contact and a mold having a convex contact to press the open end.

9. (Withdrawn) The method of Claim 8, wherein step (b) further comprises using a mold having a recessed triangular contact is placed at the concave side and a mold having a protruding triangular contact is placed at the convex side for pressing the double-layer structure.

10. (Withdrawn) The method of Claim 7, further comprising the step of forming a covering portion to cover the sealing structure.

11. (Withdrawn) The method of Claim 10, wherein the covering portion is formed by brazing, soldering or welding.

12. (Withdrawn) The method of Claim 7, further comprising the step of pressing two opposing sides of the sealing structure against each other after step (b).

13. (Withdrawn) The method of Claim 7, wherein step (a) further comprises pressing the open end into the double-layered structure having a semi-circular cross section.

14. (Withdrawn) The method of Claim 13, wherein step (b) further comprises pressing the open end into the double-layered structure having an arrowhead cross section.

AMENDMENT

10/770,473

- 4 -